

STANDARD  
NO. DR-4

REVISION DATE
7-13-01

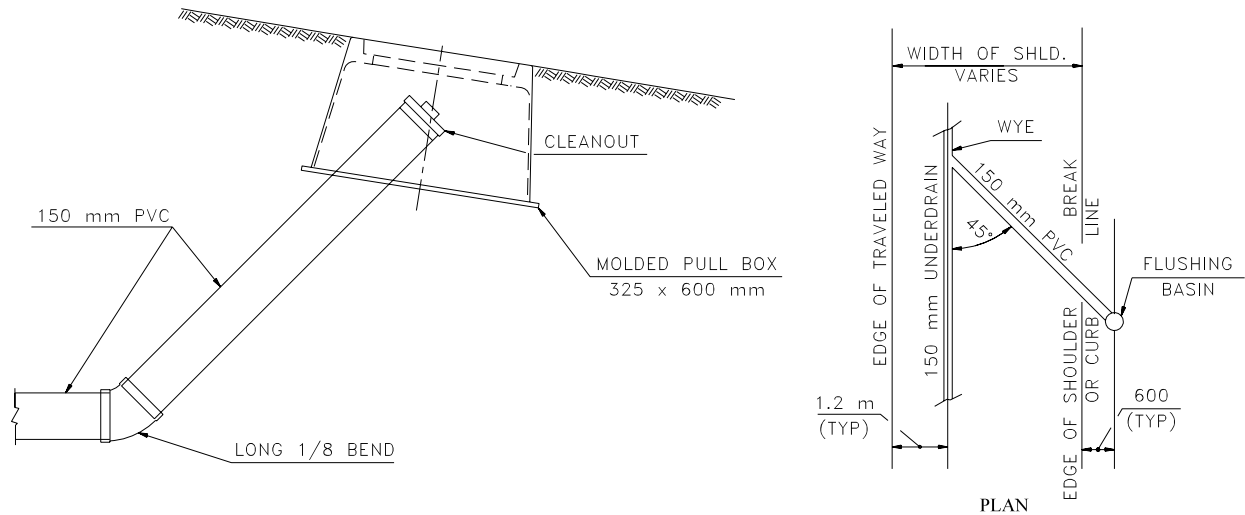
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DR-4

METRIC  
STANDARD PLANS

STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION, CONCORD, N.H.



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ITEM 605.79 – UNDERDRAIN FLUSHING BASIN SHALL INCLUDE ALL REQUIRED RISER PIPE, 45° WYE, LONG BEND, CROSS PIPE, CLEANOUT, PULL BOX AND BACKFILL MATERIAL AS REQUIRED.

USE ITEM 622.1 – STEEL WITNESS MARKER TO MARK PULL BOX LOCATION.

TYPICAL DETAIL

TYPICAL LOCATION

ALL DIMENSIONS SHOWN ARE IN MILLIMETERS OR METERS. WHOLE NUMBERS INDICATE MILLIMETERS; DECIMAL NUMBERS INDICATE METERS UNLESS OTHERWISE NOTED.	NHDOT STANDARD PLANS <i>UNDERDRAIN FLUSHING BASIN</i>	REV. DATE	PLATE 1
			STANDARD DR-4

GENERAL NOTES

- POLYETHYLENE LINER (ITEM 604.0007) SHALL BE FABRICATED AT THE SHOP. DOWNSPOUT SHALL BE EXTRUSION FILLET WELDED TO THE POLYETHYLENE SHEET.
- PLACE A CONTINUOUS BEAD OF AN APPROVED SILICONE SEALANT BETWEEN FRAME AND POLYETHYLENE SHEET.
- PLACE CLASS AA CONCRETE TO 50 mm BELOW THE TOP OF GRATE ELEVATION (SUBSIDIARY TO DRAINAGE STRUCTURE).
- USE ON DRAINAGE STRUCTURES 1.2 m MIN. DIAMETER ONLY.
- TRIM POLYETHYLENE SHEET A MAXIMUM OF 100 mm OUTSIDE THE FLANGE ON THE FRAME FOR THE CATCH BASIN BEFORE PLACING CONCRETE (EXCEPT AS SHOWN WHEN USED WITH CURB).
- THE CENTER OF THE GRATE & FRAME MAY BE SHIFTED A MAXIMUM OF 150 mm FROM THE CENTER OF THE DOWNSPOUT IN ANY DIRECTION.

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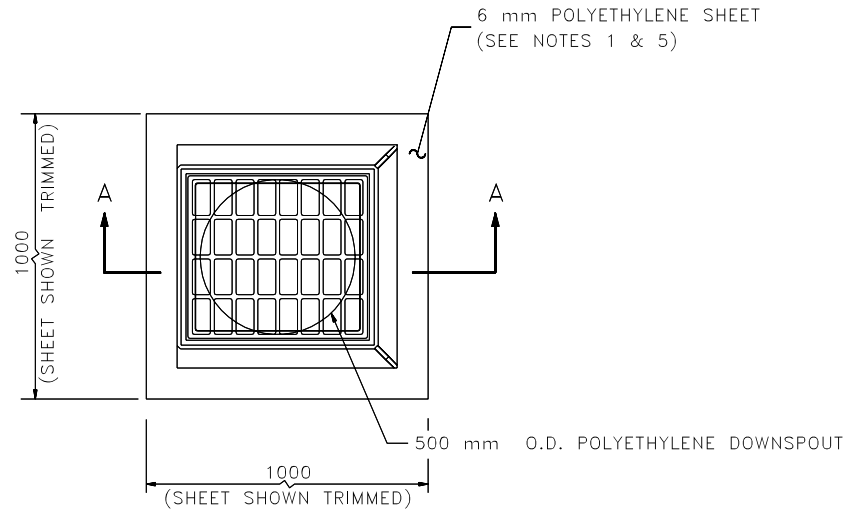
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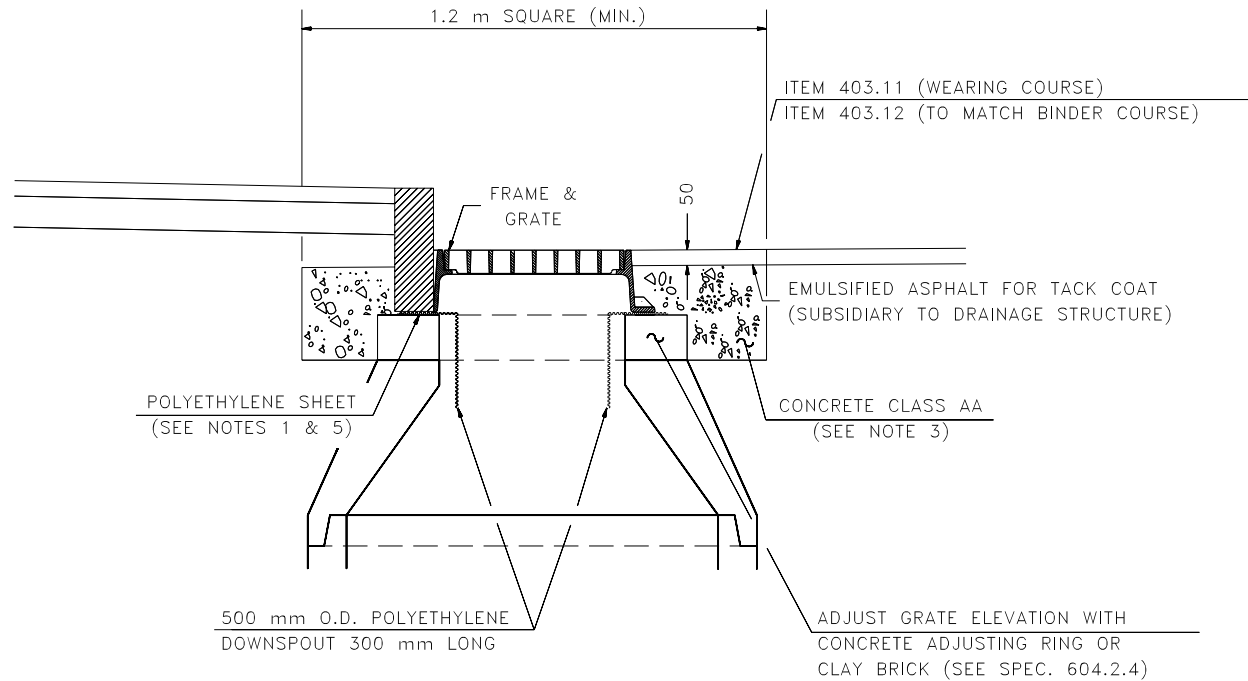


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PLAN

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SECTION A-A

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